

DETAILED ACTION

Response to Applicant's Amendment

1. Based upon the submitted arguments detailing the spectral shaping stage as defined by the specification, the examiner withdraws all rejections to all claims.
2. The examiner submits an examiner's amendment to cancel the non-elected claims as per the response to restriction filed 12-27-2007.
3. The examiner notes that claims 79-82 have been cancelled via a supplemental examiner's amendment as they depend from cancelled, non elected parent claims.

Examiner's Amendment

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Claims 22-29,51-66,71-74,79-82 have been cancelled.

Allowable Subject Matter

5. **Claims 1-21,30-50,67-70,75-78** are allowed over the prior art of record

6. The following is an examiner's statement of reasons for allowance:

In the examiner's opinion, it would not have been obvious to a person of ordinary skill in the art to implement a spectral shaper (as specifically defined by applicant's specification) coupled to an echo canceller as claimed in a transceiver, in the transceiver/echo canceller of Christenson.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Jamal whose telephone number is 571-272-7498, and whose email address is alexander.jamal@uspto.gov

The examiner can usually be reached on M-F 8AM-5PM.

If attempts to reach the examiner by telephone or email are unsuccessful, the examiner's supervisor, Curtis A Kuntz can be reached on 571-272-7499.

The fax phone numbers for the organization where this application or proceeding is assigned are **571-273-8300** for regular communications and **571-273-8300** for After Final communications.

/Alexander Jamal/

Primary Examiner, Art Unit 2614

Examiner Alexander Jamal

December 16, 2009

